

THB Series Construction Features

MODEL THBP

HORIZONTAL PLENUM RETURN

(Photo as shown for THBP). THB Series fan coils have many standard and optional features which are unique to the industry.

Galvanized steel casing withstanding

½" thick fiberglass insulation (standard), or foil faced or elastomeric closed cell foam insulation (optional) or EcoShield Liner (optional) 125 hour salt spray test per ASTM B-117 1 1/2" duct collar allows quick field connection of duct work

> ETL and AHRI 440 listed and labeled

Integral filter rack with 1" filter and integral rear ducted (shown) or bottom return on all plenum units

Permanently lubricated, three tap, PSC fan motors designed for quiet and efficient operation

> Single point power connection on all units with electric heat

Removable fan board for complete bottom or rear access and servicing

Optional secondary drain connection for added security (not shown)

Optional electric resistance heat is ETL listed as an assembly for safety compliance

Entire electric heat assembly can be removed from the bottom for servicing Optional hinged cover electrical enclosure allows easy bottom access to all electrical components

Single wall galvanized or stainless steel (optional) drain pans are positively sloped to drain connections

Drain pans can be easily removed for cleaning, and reversed for opposite side drain connections

Chilled water or DX cooling coils up to 4 rows

Hot water heating coils or steam coils up to 2 rows can be mounted in the preheat or reheat position

Bottom access to both entering and leaving sides of all coils for cleaning

Maximum 6 total rows of coil combined

MODEL THBC

Horizontal Free Return



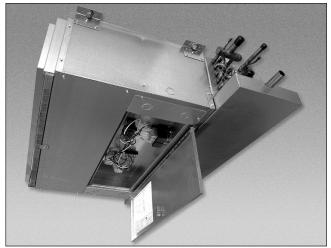
Horizontal Exposed Cabinet











ELECTRICAL ENCLOSURE

The bottom hinged electrical enclosure provides access to a spacious electrical compartment. This compartment houses all electric heat and control components. Terminal strips are furnished for simple power and control wiring connections. Multiple knockouts allow wiring entries from either side of the compartment.



FILTERS

One inch throwaway filters are tight fitting to prevent air bypass. Filters are easily removable from the bottom through the access panel or plenum.

COIL S

All fan coils are available in 2 or 4 pipe configurations. The heating coil may be placed in the reheat or preheat position. On concealed models, heating and cooling coils are available with right, left or opposite side connections.



DRAIN PAN

Standard drain pans are externally insulated, single wall galvanized steel with an option for stainless steel. Drain pans are available with secondary drain connection. On concealed models, the THB Series drain pan is easily removable for cleaning or reversing connections.



TELESCOPING BOTTOM PANEL

The telescoping bottom panel allows for fully recessing the unit while permitting service access into the ceiling plenum. The architectural ceiling panel is finished with a durable powder coat paint.



FAN DECK

The fan assembly is easily removed without disconnecting the ductwork for service access to motors and blowers at, or away from the unit.